

1. Learning outcomes / Evaluation criteria	<ul style="list-style-type: none">• To identify the different kind of numbers: naturals, integers or whole numbers, rationals, irrationals and reals.• To read numbers in English.• To do every kind of calculations involving whole and rational numbers: additions, subtractions, multiplications, divisions, powers, roots and combine operations.• To distinguish different real situations where the student should use every kind of numbers.• To solve problems involving all these kind of numbers.• To know how to calculate and use percentages.
2. Subject Content	<ul style="list-style-type: none">• Number classification: naturals, integers, rationals, irrationals, reals.• Integers: operations and problems.• Rationals:<ul style="list-style-type: none">◦ relation between decimal and rational numbers.◦ operations and problems.• Irrationals: definition, relation between decimal and irrational numbers.• Real numbers.• Powers and roots: definitions, properties and calculations.• Percentages: calculation, decrease, increase, compound interest.

3. Language Content / Communication	
Vocabulary	<ul style="list-style-type: none">• Nouns:<ul style="list-style-type: none">◦ integers: absolute value, opposite◦ rationals: fraction, numerator, denominator,◦ operations: addition, subtraction, multiplication, product, division, power, root, combined operations.◦ percentage.• Adjectives: natural, whole, integer, positive negative, rational, irrational, real, equivalent, exact, recurring, combined.• Verbs: to be, to add, to subtract, to multiply, to divide, to calculate, to simplify, to equal.

	<ul style="list-style-type: none">• Prepositions and expressions:<ul style="list-style-type: none">◦ addition and subtraction: ... plus ... is... ; ... minus ... is ...◦ multiplication: ... times ... is ... ; ... multiplied by ... is ...◦ division: ... divided by ... is ...,◦ powers: ... to the power of is ...◦ roots: square root of is ; cube root of ... is ; root of index of is ...◦ percentages: the ... percent of is ...◦ when, if I ...
Structures	<ul style="list-style-type: none">• Using singular and plural with numbers.• Ordinal numbers.• Comparatives: bigger than, smaller than.• Present tense.• Imperative form.• Conditional expressions: if I
Discourse type	<ul style="list-style-type: none">• Teacher explanations: expositions, descriptions, arguments.• Interaction teacher-student: dialogue.• Students interactions: exposition, dialogue.
Language skills	Writing, speaking, listening, reading, interaction.